



07-17-00

1775

PATENT APPLICATION
Do. No. 1941-70

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Paul J. BRUINSMA, Suresh BASKARAN, Jagannadha R. BONTA and Jun LIU

Serial No. 09/481,988

Examiner: P. Marcantoni

Filed: January 11, 2000

Group Art Unit: 1755

For: MESOPOROUS-SILICA FILMS, FIBERS, AND POWDERS BY EVAPORATION

Date: July 13, 2000

Box FEE AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Responsive to the Office Action dated June 7, 2000, enclosed is an amendment in the above-identified application.

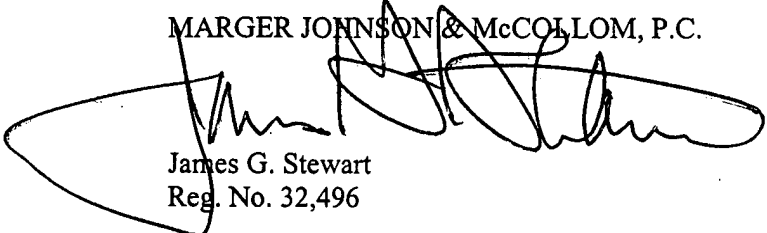
The fee has been calculated as shown below.

CLAIMS AS AMENDED					
For:	Number After Amendment	Previous Number	Extra	Rate	Additional Fee
Total Claims	71	-62	9	x \$ 9 =	\$81
Independent Claims	12	-11	1	x \$39 =	\$39
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$120

☒ A check for \$120.00 is enclosed.☒ Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.


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RESPONSE TO OFFICE ACTION

Responsive to the Office Action, dated June 7, 2000, please amend the application as follows.

IN THE CLAIMS

Please amend claims 30, 31, 38, 40, 49, 54, 55 and 56 as follows.

30. (Amended) A mesoporous silica product, comprising:
a fiber having a diameter of at least 5 microns with mesopores therein,
whereby the mesoporous silica product is formed by a process including [any one or
more of the steps including] dry spinning[,] or fiber drawing and rapid evaporation.

31. (Amended) A calcined mesoporous silica film on a substrate formed by a
process comprising [any one or more of the steps including spin coating, dip coating and
evaporation]:

dispensing a surfactant-containing precursor solution on the substrate;

forming a film on the substrate by rapid evaporation of the precursor solution on the
substrate; and

heating the film on the substrate to a temperature sufficient to decompose the
surfactant.

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01 FC:202
02 FC:203

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